

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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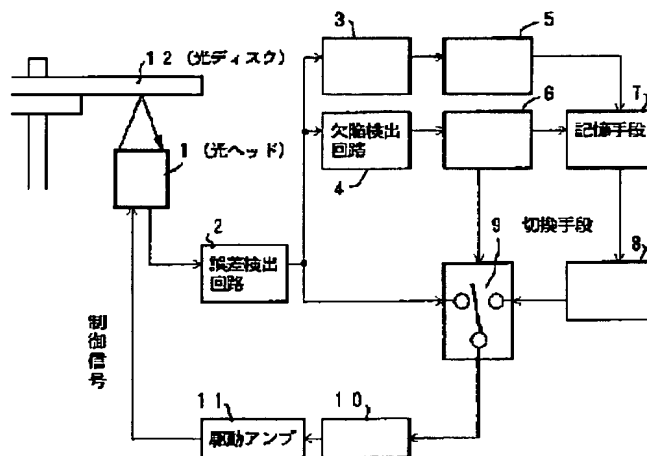
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INVENTOR : SOMA TAKESHI;

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TITLE : FOCUSING SERVO AND/OR TRACKING SERVO DEVICE  
APPLICABLE EVEN TO OPTICAL DISK  
HAVING VERY SMALL DEFECT ON ITS  
TRACK



ABSTRACT : PURPOSE: To attain the focusing servo and tracking servo even when a very small defect is in existence on a track.

CONSTITUTION: A focusing and tracking servo device is made up of an error detection means 2 detecting a deviation of focusing and tracking and outputting an error signal, a control means outputting a focusing and tracking control signal based on the error signal and a drive means returning an optical head to a correct position based on the control signal, and also a defect detection means 4 detecting a very small defect on a track, a signal storage means 7 storing an error signal or control signal for focusing and tracking predicted when no very small defect is assumed to be in existence and a changeover means 9 outputting the signal stored in the signal storage means when the defect detection means detects a very small defect in addition.

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